

ASSIGNMENT

I, Rajeev Koodli, a citizen of India, residing at 870 W. McKinley Avenue;
Sunnyvale, California 94086; and

I, Charles E. Perkins, a citizen of US, residing at 12450 Blue Meadow Court;
Saratoga, California 95070; and

I, Manish Tiwari, a citizen of India, residing at 2451 Santa Rita Road, Apt. 7,
Pleasanton, California 94566;

and each of us (hereinafter "ASSIGNORS"), in consideration of the sum of Ten Dollars (\$10.00),
or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and
receipt of which are hereby acknowledged, paid to ASSIGNORS by

Nokia Inc.

a corporation organized under the laws of Delaware, located at 6000 Connection Drive, Irving,
Texas 75039 (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its
successors and assigns, the below indicated right, title, and interest, throughout the world in and to
ASSIGNORS' Invention entitled:

SYSTEM AND METHOD FOR EFFICIENT STATE TRANSFER IN MOBILE NETWORKS

invented by ASSIGNORS and described in Patent Application No. 09/616,221, filed on
July 14, 2000, in United States of America; and all patents, divisions, reissues, continuations and
any extensions thereof and rights of priority therein, said interest being ASSIGNORS' entire
ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns,
or other legal representatives, to the full end of the term thereof, as fully and entirely as the same
would have been held and enjoyed by ASSIGNORS if this assignment and sale had not be made;

And for the consideration aforesaid, ASSIGNORS hereby covenant and agree to and
with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or
representative, or the counsel or representative of its successors or assigns, shall advise that an

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NC30526US

Assignment
U.S. Patent Application No. 09/616,221

amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, ASSIGNORS will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and ASSIGNORS hereby appoint every present or future officer of said ASSIGNEE as ASSIGNORS' agent to sign all such papers and to do all such necessary acts on ASSIGNORS' behalf, to the fullest extent permitted by law;

• And ASSIGNORS hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

ASSIGNORS declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that ASSIGNORS have signed this document as ASSIGNORS' own free act and that all of the foregoing is true and correct.

Date: March 15, 05

Rajeev Koodli
Rajeev Koodli

Date: March 15, 2005

Charles E. Perkins
Charles E. Perkins

Date: _____

Manish Tiwari

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Date: _____

Rajeev Koodli

Date: _____

Charles E. Perkins

Date: 02/25/05



Manish Tiwari